810 Invoice

Functional Group ID=IN

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. This implementation convention was developed for use by the Federal Government for use in the initial stages of its electronic commerce/electronic data interchange (EC/EDI) program.

2. Use this implementation convention to either make a request for a progress payment, to correct a previously submitted request for a progress payment, or to submit a request to withdraw without action, a previously submitted request for payment.

3. Use one iteration of this transaction set to make one request for a progress payment or to request a withdrawal, or to submit a corrected request for a progress payment.

4. All amounts contained in a transmission are to be generated by the application program originating the data. No amounts will be calculated by the receiving application program. This means that if a line of data is the result of a calculation (e.g., add line " " and line " " together and carry the result of the addition on line " "), the amounts on all three lines must be carried in the transaction set.

5. This implementation convention was initially based on converting the Standard Form (SF) 1443 Progress Payment to EDI.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
N/U	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
N/U	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
N/U	110	REF	Reference Numbers	O	12		
	120	PER	Administrative Communications Contact	O	3		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	140	DTM	Date/Time Reference	O	10		
N/U	150	FOB	F.O.B. Related Instructions	O	1		
N/U	160	PID	Product/Item Description	O	200		
N/U	170	MEA	Measurements	O	40		
N/U	180	PWK	Paperwork	O	25		
N/U	190	PKG	Marking, Packaging, Loading	O	25		
N/U	200	L7	Tariff Reference	O	1		
N/U	210	AT	Financial Accounting	O	>1		
N/U	212	BAL	Balance Detail	O	2		n1
N/U	213	INC	Installment Information	O	1		
			LOOP ID - LM			10	
N/U	220	LM	Code Source Information	O	1		
N/U	230	LQ	Industry Code	M	100		
			LOOP ID - N9			1	
N/U	240	N9	Reference Number	O	1		
N/U	250	MSG	Message Text	M	10		
			LOOP ID - V1			>1	
N/U	260	V1	Vessel Identification	O	1		
N/U	270	R4	Port	O	>1		
N/U	280	DTM	Date/Time Reference	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
	010	IT1	Baseline Item Data (Invoice)	O	1		
N/U	012	CRC	Conditions Indicator	O	1		
N/U	015	QTY	Quantity	O	5		n2
N/U	020	CUR	Currency	O	1		
N/U	030	IT3	Additional Item Data	O	5		
N/U	040	TXI	Tax Information	O	10		
N/U	050	CTP	Pricing Information	O	25		
N/U	055	PAM	Period Amount	O	10		
N/U	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
N/U	060	PID	Product/Item Description	O	1		
N/U	070	MEA	Measurements	O	10		
N/U	080	PWK	Paperwork	O	25		
N/U	090	PKG	Marking, Packaging, Loading	O	25		
N/U	100	PO4	Item Physical Details	O	1		

N/U	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2
N/U	120	REF	Reference Numbers	O	>1
N/U	130	PER	Administrative Communications Contact	O	5
N/U	140	SDQ	Destination Quantity	O	500
	150	DTM	Date/Time Reference	O	10
N/U	160	CAD	Carrier Detail	O	>1
N/U	170	L7	Tariff Reference	O	>1
N/U	175	SR	Requested Service Schedule	O	1
			LOOP ID - SAC		25
N/U	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
N/U	190	TXI	Tax Information	O	10
			LOOP ID - SLN		1000
	200	SLN	Subline Item Detail	O	1
N/U	210	REF	Reference Numbers	O	>1
N/U	220	PID	Product/Item Description	O	1000
N/U	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25
N/U	235	TC2	Commodity	O	2
N/U	237	TXI	Tax Information	O	10
			LOOP ID - N1		200
N/U	240	N1	Name	O	1
N/U	250	N2	Additional Name Information	O	2
N/U	260	N3	Address Information	O	2
N/U	270	N4	Geographic Location	O	1
N/U	280	REF	Reference Numbers	O	12
N/U	290	PER	Administrative Communications Contact	O	3
			LOOP ID - LM		10
N/U	300	LM	Code Source Information	O	1
N/U	310	LQ	Industry Code	M	100
			LOOP ID - V1		>1
N/U	320	V1	Vessel Identification	O	1
N/U	330	R4	Port	O	>1
N/U	340	DTM	Date/Time Reference	O	>1

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	TDS	Total Monetary Value Summary	M	1		
N/U	020	TXI	Tax Information	O	10		
N/U	030	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			25	
N/U	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
N/U	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	

N/U	060	ISS	Invoice Shipment Summary	O	1	
N/U	065	PID	Product/Item Description	O	1	
Must Use	070	CTT	Transaction Totals	M	1	n3
Must Use	080	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment''or ``Special Handling Adjustment'' invoice.
2. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade -ins or returns.
3. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment:	**ST** Transaction Set Header	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	**1**	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
		Code uniquely identifying a Transaction Set	
		810 X12.2 Invoice	

Use of code 810 in this implementation convention indicates that the transaction set has been used to carry the data elements required in a request for progress payments.

Ref. Des.	Data Element	Name	Attributes
Must Use ST02	329	**Transaction Set Control Number**	**M AN 4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

This unique control number is assigned by the originator of the transaction set or by the originator's application program. The same number is carried in SE02.

Segment:	**BIG** Beginning Segment for Invoice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates	
Syntax Notes:		
Semantic Notes:	**1**	BIG01 is the invoice issue date.
	2	BIG03 is the date assigned by the purchaser to purchase order.

3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: **1** BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIG01	373	Date	M DT 6/6

Date (YYMMDD)

The date of the request for progress payment, expressed in YYMMDD format. See Block 8B of Standard Form (SF) 1443.

Must Use	BIG02	76	Invoice Number	M AN 1/22

Identifying number assigned by issuer

A unique number assigned by the party requesting the progress payment. This number can be used in another transaction set to cross-reference back to this specific request for a progress payment. The unique number shall consist of at least three numeric characters. The total number shall not exceed four (4) alpha-numeric characters. The first three characters shall all be numeric starting with the number 001 for each new procurement action authorizing progress payments, and increasing by one number for each successive progress payment requested under the same contract action (e.g., 001, 002, etc.). The fourth position will always be an alpha character (e.g., A, B, etc.), and shall be used, as applicable, to represent a lot number. See Block 8A of SF1443.

Must Use	BIG03	373	Date	O DT 6/6

Date (YYMMDD)

The date of the purchase order (contract), expressed in YYMMDD format, under which the progress payment was authorized. See Blocks 7A and 7B of SF1443.

Must Use	BIG04	324	Purchase Order Number	O AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

The Procurement Instrument Identification Number (PIIN). Use to indicate the thirteen (13) position alpha-numeric contract or purchase order number. Do not use spaces or dashes (--) between the characters. See Block 4 of the SF1443.

	BIG05	328	Release Number	O AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use, as applicable, to cite the four (4) alpha-numeric characters of a call or order number Supplemental Procurement Instrument Identification Number (SPIIN). Transmission of the call or order number is required if a call or order number is applicable to the

procurement action. See Block 4 of the SF1443.

| | **BIG06** | **327** | **Change Order Sequence Number** | **O** | **AN** | **1/8** |

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

May use to indicate a modification number to either the contract or purchase order, or a call or delivery order when made against an indefinite type of purchase instrument. The number may be a six -position alpha-numeric "P" or "A" modification number (e.g., P00001, A00001, etc.), or when made to an indefinite instrument, a two-position number (e.g., AA). See Block 4 of the SF1443.

| **Must Use** | **BIG07** | **640** | **Transaction Type Code** | **O** | **ID** | **2/2** |

Code specifying the type of transaction

PA   Progress Payment Invoice

| | **BIG08** | **353** | **Transaction Set Purpose Code** | **O** | **ID** | **2/2** |

Code identifying purpose of transaction set

00   Original

Use to indicate the submission of the original request for progress payment.

01   Cancellation

Use to indicate a contractor generated withdrawal of previously submitted request for progress payment. Use only after the submission and receipt of the acknowledgment of receipt (by means of a 997 transaction set). Do not use when the originally submitted request for a progress payment was rejected.

05   Replace

Used to indicate a replacement invoice using the same invoice number as a previously submitted invoice. When used, the replacement invoice will overwrite the original invoice in the receiving data base.

07   Duplicate

Use to indicate a duplicate submission.

| **N/U** | **BIG09** | **306** | **Action Code** | **O** | **ID** | **1/2** |

Code indicating type of action

Refer to 003050 Data Element Dictionary for acceptable code values.

| **N/U** | **BIG10** | **76** | **Invoice Number** | **O** | **AN** | **1/22** |

Identifying number assigned by issuer

   Segment: **CUR** Currency

Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	**1** If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4 If CUR11 is present, then CUR10 is required.
	5 If CUR12 is present, then CUR10 is required.
	6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7 If CUR14 is present, then CUR13 is required.
	8 If CUR15 is present, then CUR13 is required.
	9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10 If CUR17 is present, then CUR16 is required.
	11 If CUR18 is present, then CUR16 is required.
	12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13 If CUR20 is present, then CUR19 is required.
	14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	**1** See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	CUR01	98	**Entity Identifier Code**	M	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

BY	Buying Party (Purchaser)

Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.

	Ref. Des.	Data Element	Name	Attributes		
Must Use	CUR02	100	**Currency Code**	M	ID	3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use the appropriate code to specify the currency in which payment is requested.

	Ref. Des.	Data Element	Name	Attributes		
	CUR03	280	**Exchange Rate**	O	R	4/6

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

	Ref. Des.	Data Element	Name	Attributes		
	CUR04	98	**Entity Identifier Code**	O	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR05	100	**Currency Code**	O	ID	3/3

Code (Standard ISO) for country in whose currency the charges are specified

CUR06	669	**Currency Market/Exchange Code**	O	ID	3/3

Code identifying the market upon which the currency exchange rate is based

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR07	374	**Date/Time Qualifier**	X	ID	3/3

Code specifying type of date or time, or both date and time

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR08	373	**Date**	O	DT	6/6

Date (YYMMDD)

CUR09	337	**Time**	O	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR10	374	**Date/Time Qualifier**	X	ID	3/3

Code specifying type of date or time, or both date and time

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR11	373	**Date**	X	DT	6/6

Date (YYMMDD)

CUR12	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR13	374	**Date/Time Qualifier**	X	ID	3/3

Code specifying type of date or time, or both date and time

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR14	373	**Date**	X	DT	6/6

Date (YYMMDD)

CUR15	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR16	374	**Date/Time Qualifier**	X	ID	3/3

Code specifying type of date or time, or both date and time

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR17	373	**Date**	X	DT	6/6

Date (YYMMDD)

CUR18	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

CUR19	374	**Date/Time Qualifier**	X	ID	3/3

Code specifying type of date or time, or both date and time

Refer to 003050 Data Element Dictionary for acceptable code values.

CUR20	373	**Date**	X	DT	6/6

Date (YYMMDD)

CUR21	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**REF** Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use, as applicable, to indicate a previous invoice number.*
	2. Use only one occurrence of this segment, as applicable, to transmit a previous progress payment number in the context of the certification in the block below line 27 on the Standard Form (SF)1443, that "there are no encumbrances ... on previous progress payment request number ___".

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	REF01	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

       C7   Contract Line Item Number

	L6	Subcontract Line Item Number
	PX	Previous Invoice Number

> *Use, as applicable, to cite a previous invoice number. See the blank space in the "certification" paragraph in SF1443.*

Must Use REF02   127   Reference Number   X   AN   1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

N/U   REF03   352   Description   X   AN   1/80

A free-form description to clarify the related data elements and their content

Segment:	**N1** Name
Position:	070
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

> **Notes:** *1. There must be three iterations of this segment when transmitting an original or corrected request for progress payment. One iteration will indicate the contractor [the party transmitting the request for progress payment (e.g., N101 will cite either code 21 when the contractor is a small business, or code SE when other than a small business)]; one iteration will indicate the contracting office [the contract administration office (e.g., N101 will cite C4)]; and, one iteration indicating the paying office (e.g., N101 will cite code PR). The payment office address is not transmitted in a withdrawal of a previously submitted request for progress payment.*
>
> *2. The name and address of the contractor will be transmitted as it appears in the contract against which the progress payment is being requested. Do not substitute any other name or address for the one that appears in the contract.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** | **ID** | **2/2** |

Code identifying an organizational entity, a physical location, or an individual

Use this data element to indicate the contractor, the contract administration office and the paying office. See Blocks 1 and 2 of the Standard Form (SF) 1443.

21 Small Business

Use to indicate a contractor who is also a small business. Do not use when the contractor is other than a small business. In that case, use code SE.

C4 Contract Administration Office

Use to indicate the contract administration office.

PE Payee

Use to indicate the party submitting the invoice.

PK Party to Receive Copy

PO Party to Receive Invoice for Goods or Services

Use to indicate the agency, organization, or activity that is to receive the electronic invoice.

PR Payer

Use to indicate the paying office.

RI Remit To

Use to indicate a specific remit-to address when multiple remit-to addresses were provided as a part of the trading partner registration process. Do not use when only a single remit-to address was provided as a part of the registration process.

SE Selling Party

Use to indicate the contractor requesting the progress payment. Use only when the contractor is other than a small business. If the contractor is a small business, use code 21 instead.

| | **N102** | **93** | **Name** | **X** | **AN** | **1/35** |

Free-form name

Use only when N101 cites either code SE or code 21 to provide the free-form text name of the contractor.

| | **N103** | **66** | **Identification Code Qualifier** | **X** | **ID** | **1/2** |

Code designating the system/method of code structure used for Identification Code (67)

		1	D-U-N-S Number, Dun & Bradstreet
			Use to identify the DUNS number of the party in N101.
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
			Use to indicate the transacting parties when DUNS+4 is appropriate.
		10	Department of Defense Activity Address Code (DODAAC)
			Use only for the DoDAACs of the paying office and contract administration office as provided in the contract. Use when N101 cites either code C4 or code PR.
		21	Health Industry I.D. Number (HIN)
		33	Commercial and Government Entity (CAGE)
			Use to indicate the CAGE Code of the contractor. Use only when N101 cites either code SE or code 21.
		A2	Military Assistance Program Address Code (MAPAC)
			Use to indicate the MAPAC address.
		FA	Facility Identification
			Use to identify the vendor facility that cannot be identified by either a DODAAC, CAGE, or DUNS number.
		FI	Federal Taxpayer's Identification Number
			Use only if needed when receiving organization uses Taxpayer's Identification Number (TIN) to identify sender's address.
		ZZ	Mutually Defined
			Use for a Vendor Identification Number.

	N104	67	**Identification Code**	X	AN	2/20

Code identifying a party or other code

N/U	**N105**	706	**Entity Relationship Code**	O	ID	2/2

Code describing entity relationship

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	**N106**	98	**Entity Identifier Code**	O	ID	2/2

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

    Segment: **N2** Additional Name Information

Position:	080
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment only when a name cannot be cited in the space allotted in the N1 (e.g., N102) segment.*
	2. Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or PR.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment:	**N3** Address Information
Position:	090
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to transmit the address of the contractor, to include as applicable, a building or suite number. For example: 10 Main Street, Suite 200.*
	2. Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or PR.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	Address Information	M AN 1/35
			Address information	

N302	166	Address Information	O	AN	1/35

Address information

Segment: **N4** Geographic Location

Position:	100
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or code PR.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N401	19	**City Name**	O	AN	2/30

Free-form text for city name

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N402	156	**State or Province Code**	O	ID	2/2

Code (Standard State/Province) as defined by appropriate government agency

Use codes as prescribed by Accredited Standards Committee (ASC) X12.

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N403	116	**Postal Code**	O	ID	3/11

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

	Ref. Des.	Data Element	Name		Attributes	
	N404	26	**Country Code**	O	ID	2/3

Code identifying the country

Use to indicate the country code of the address of the party requesting the progress payment. Use only when that party is located at an address other than in the United States. Do not use if the address is in the United States.

	Ref. Des.	Data Element	Name		Attributes	
N/U	N405	309	**Location Qualifier**	X	ID	1/2

Code identifying type of location

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes	
N/U	N406	310	**Location Identifier**	O	AN	1/30

Code which identifies a specific location

	Segment:	**PER** Administrative Communications Contact
	Position:	120
	Loop:	N1
	Level:	Heading
	Usage:	Optional
	Max Use:	3
	Purpose:	To identify a person or office to whom administrative communications should be directed
	Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
		2 If either PER05 or PER06 is present, then the other is required.
		3 If either PER07 or PER08 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Use code CE in original and correction requests for progress payments when N101 cites either code SE or code 21, to indicate the party making the certification. Do not use when N101 cites either code.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PER01	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

Use to indicate the name of the contractor party who is certifying the contents of the request for progress payment. This is the party who "signed" the progress payment. See the certification block on the Standard Form (SF) 1443.

CE   Certifier

Use to indicate the contractor person who is making the certifications required in the SF1443; the person who is "signing" the request for progress payment.

IC   Information Contact

Use to indicate a general information point of contact; a person who can be contacted with questions about the request for progress payment.

Must Use PER02	93	**Name**	**O AN 1/35**

Free-form name

Transmit the name as the last name, first name, middle initial. When the entire name is too long to transmit in this data element, transmit the entire last name and truncate the first name to its initial.

PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

Use any code. A commercial telephone number is preferred. This data element is mandatory if PER01 is code IC.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | PER04 | 364 | **Communication Number** | X | AN | 1/80 |

Complete communications number including country or area code when applicable

| N/U | PER05 | 365 | **Communication Number Qualifier** | X | ID | 2/2 |

Code identifying the type of communication number

Refer to 003050 Data Element Dictionary for acceptable code values.

| N/U | PER06 | 364 | **Communication Number** | X | AN | 1/80 |

Complete communications number including country or area code when applicable

| N/U | PER07 | 365 | **Communication Number Qualifier** | X | ID | 2/2 |

Code identifying the type of communication number

Refer to 003050 Data Element Dictionary for acceptable code values.

| N/U | PER08 | 364 | **Communication Number** | X | AN | 1/80 |

Complete communications number including country or area code when applicable

| N/U | PER09 | 443 | **Contact Inquiry Reference** | O | AN | 1/20 |

Additional reference number or description to clarify a contact number

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale
Syntax Notes:	1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	*Use to indicate the liquidation rate and progress payment rate. Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment.*

Data Element Summary

Ref.   **Data**

	Des.	Element	Name	Attributes		
	ITD01	**336**	**Terms Type Code**	**O**	**ID**	**2/2**

Code identifying type of payment terms

Use to indicate the progress payment and liquidation rates. See Blocks 6a and 6b on the Standard Form (SF) 1443. Transmit line 19 in first iteration of segment. When line 25 is present, transmit in the second iteration of segment.

		19	Liquidation			

Use to indicate the liquidation rate as established in the contract.

		20	Progress Payment			

Use to indicate the progress payment rate as established in the contract.

N/U	**ITD02**	**333**	**Terms Basis Date Code**	**O**	**ID**	**1/2**

Code identifying the beginning of the terms period

Refer to 003050 Data Element Dictionary for acceptable code values.

	ITD03	**338**	**Terms Discount Percent**	**O**	**R**	**1/6**

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

This data element is an "R" type which means that there is no implied decimal point. Percents should be transmitted as follows: When ITD01 is code 20, only two decimal places are cited in the contract percent (e.g., the percent is 80%, 85%, 90%, etc.), transmit 80, 85, or 90. When ITD01 is code 19, three numbers (e.g., 87.5%, 91.3%, or 90.0%, etc.), transmit 875, 913, or 900. In the latter example, the trailing zeros are significant and shall be transmitted.

N/U	**ITD04**	**370**	**Terms Discount Due Date**	**X**	**DT**	**6/6**

Date payment is due if discount is to be earned

	ITD05	**351**	**Terms Discount Days Due**	**X**	**N0**	**1/3**

Number of days in the terms discount period by which payment is due if terms discount is earned

When ITD03 carries data, insert the number zero (0) in this data element to satisfy the Accredited Standards Committee (ASC) X12 rules of syntax.

N/U	**ITD06**	**446**	**Terms Net Due Date**	**O**	**DT**	**6/6**

Date when total invoice amount becomes due

N/U	**ITD07**	**386**	**Terms Net Days**	**O**	**N0**	**1/3**

Number of days until total invoice amount is due (discount not applicable)

N/U	**ITD08**	**362**	**Terms Discount Amount**	**O**	**N2**	**1/10**

Total amount of terms discount

N/U	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT**	**6/6**

Date deferred payment or percent of invoice payable is due

| N/U | ITD10 | 389 | **Deferred Amount Due** | X | N2 | 1/10 |

Deferred amount due for payment

| N/U | ITD11 | 342 | **Percent of Invoice Payable** | X | R | 1/5 |

Amount of invoice payable expressed in percent

| N/U | ITD12 | 352 | **Description** | O | AN | 1/80 |

A free-form description to clarify the related data elements and their content

| N/U | ITD13 | 765 | **Day of Month** | X | N0 | 1/2 |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

| N/U | ITD14 | 107 | **Payment Method Code** | O | ID | 1/1 |

Code identifying type of payment procedures

Refer to 003050 Data Element Dictionary for acceptable code values.

| N/U | ITD15 | 954 | **Percent** | O | R | 1/10 |

Percentage expressed as a decimal

Segment:	**DTM** Date/Time Reference
Position:	140
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment.*
	2. Use to indicate the Section II date referred to as the "statement of costs under this contract through ____." Also use to indicate the date in the Certification block "from which there has been no materially adverse change in financial condition."

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

434   Statement

Use to indicate the Section II [on Standard

> *Form (SF) 1443] date referred to as the "statement of costs under this contract through _____" date.   See Section II.*

          458   Certification

> *Use to indicate the certification date from which there has been no materially adverse change in financial condition. See the Certification block on the SF1443.*

Must Use	DTM02	373	**Date**	X	DT	6/6

Date (YYMMDD)

N/U	DTM03	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

N/U	DTM04	623	**Time Code**	O	ID	2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

	DTM05	624	**Century**	O	N0	2/2

The first two characters in the designation of the year (CCYY)

	DTM06	1250	**Date Time Period Format Qualifier**	X	ID	2/3

Code indicating the date format, time format, or date and time format

Refer to 003050 Data Element Dictionary for acceptable code values.

	DTM07	1251	**Date Time Period**	X	AN	1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are required.
	2 If either IT106 or IT107 is present, then the other is required.
	3 If either IT108 or IT109 is present, then the other is required.
	4 If either IT110 or IT111 is present, then the other is required.

5	If either IT112 or IT113 is present, then the other is required.
6	If either IT114 or IT115 is present, then the other is required.
7	If either IT116 or IT117 is present, then the other is required.
8	If either IT118 or IT119 is present, then the other is required.
9	If either IT120 or IT121 is present, then the other is required.
10	If either IT122 or IT123 is present, then the other is required.
11	If either IT124 or IT125 is present, then the other is required.

Semantic Notes: **1**   IT101 is the purchase order line item identification.

Comments: **1**   Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.

2   IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use is required in all original and resubmitted requests for progress payment. Do not use in a withdrawal.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
Must Use	IT101	350	Assigned Identification		O	AN	1/11

Alphanumeric characters assigned for differentiation within a transaction set

Use to indicate the number of the line [from the Standard Form (SF) 1443], for the dollar amount being transmitted. Transmit only amounts for the maximum balance eligible for progress payments (see line 19) or the maximum permissible progress payment (see line 25) on the SF1443. Transmit line 19 in first iteration of loop. When line 25 is present, transmit in the second iteration of loop. The maximum permissible progress payment line (line 25) is not always used.

Must Use	IT102	358	Quantity Invoiced		X	R	1/10

Number of units invoiced (supplier units)

Cite the number 1 to satisfy Accredited Standards Committee (ASC) X12 syntax requirements.

Must Use	IT103	355	Unit or Basis for Measurement Code		X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Must use to satisfy ASC X12 syntax requirements.

   EA   Each

   Always use this code to satisfy ASC X12 syntax requirements.

Must Use	IT104	212	Unit Price		X	R	1/17

Price per unit of product, service, commodity, etc.

Per agency guidance either use to indicate the dollar amount of the

			line number cited in IT101.			
N/U	IT105	639	**Basis of Unit Price Code**	O	ID	2/2

Code identifying the type of unit price for an item

Refer to 003050 Data Element Dictionary for acceptable code values.

	IT106	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

> EP Buyer's End Product Number

	IT107	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

	IT108	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

> VP Vendor's (Seller's) Part Number

	IT109	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	IT110	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	IT111	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	IT112	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	IT113	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	IT114	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	IT115	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	IT116	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	IT117	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	**IT118**	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	**IT119**	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	**IT120**	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	**IT121**	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	**IT122**	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	**IT123**	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	**IT124**	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	**IT125**	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

Segment:	**DTM** Date/Time Reference
Position:	150
Loop:	IT1
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

		007	Effective			
	DTM02	373	Date	X	DT	6/6

Date (YYMMDD)

N/U	DTM03	337	Time	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

N/U	DTM04	623	Time Code	O	ID	2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

	DTM05	624	Century	O	N0	2/2

The first two characters in the designation of the year (CCYY)

	DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3

Code indicating the date format, time format, or date and time format

Refer to 003050 Data Element Dictionary for acceptable code values.

	DTM07	1251	Date Time Period	X	AN	1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**SLN** Subline Item Detail
Position:	200
Loop:	SLN
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If SLN07 is present, then SLN06 is required.
	2 If SLN08 is present, then SLN06 is required.
	3 If either SLN09 or SLN10 is present, then the other is required.
	4 If either SLN11 or SLN12 is present, then the other is required.
	5 If either SLN13 or SLN14 is present, then the other is required.
	6 If either SLN15 or SLN16 is present, then the other is required.
	7 If either SLN17 or SLN18 is present, then the other is required.
	8 If either SLN19 or SLN20 is present, then the other is required.
	9 If either SLN21 or SLN22 is present, then the other is required.
	10 If either SLN23 or SLN24 is present, then the other is required.
	11 If either SLN25 or SLN26 is present, then the other is required.
	12 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.

2	SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3	SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4	SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:	**1**	See the Data Dictionary for a complete list of ID's.
	2	SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3	SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously transmitted request for progress payment.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
Must Use SLN01	**350**	**Assigned Identification**		**M AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to indicate either the number 19 or the number 25 as it appeared in IT101.

2. Use when SLN01 cites the expression Accounting Classification Reference Number (ACRN), SLN02 must contain the actual Accounting Classification Reference Number and SLN06 will contain the amount charged to the ACRN.

Ref. Des.	Data Element	Name		Attributes
Must Use SLN02	**350**	**Assigned Identification**		**O AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Indicate the number of the line [on the Standard Form (SF) 1443] for which dollar amount is being transmitted. Use only the numbers 9 through 18 or the numbers 20 through 24.

Ref. Des.	Data Element	Name		Attributes
Must Use SLN03	**662**	**Relationship Code**		**M ID 1/1**

Code indicating the relationship between entities

Use only to satisfy the Accredited Standards Committee (ASC) X12 syntax requirements.

I	Included

Always use this code to satisfy the ASC X12 syntax requirements.

Ref. Des.	Data Element	Name		Attributes
Must Use SLN04	**380**	**Quantity**		**M R 1/15**

Numeric value of quantity

> *Cite the number 1 to satisfy the ASC X12 syntax requirements.*
> *Use to indicate when invoice cites the percentage of number of*
> *weeks applicable to the subline.*

Must Use	SLN05	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Must use to satisfy the ASC X12 syntax requirements.

	EA		Each			

> *Always use this code to satisfy the ASC X12*
> *syntax requirements.*

	P1		Percent			

> *Use to indicate if SLN04 if a percentage.*

	WK		Week			

> *Use to indicate if SLN04 is in weeks.*

Must Use	SLN06	212	**Unit Price**	X	R	1/17

Price per unit of product, service, commodity, etc.

> *Per agency guidance either use to indicate the dollar amount of the*
> *line number cited in SLN01.*

N/U	SLN07	639	**Basis of Unit Price Code**	O	ID	2/2

Code identifying the type of unit price for an item

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN08	662	**Relationship Code**	O	ID	1/1

Code indicating the relationship between entities

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN10	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN12	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN14	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN16	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN17	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN18	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN19	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN20	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN21	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN22	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN23	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN24	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN25	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN26	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

N/U	SLN27	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	SLN28	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

Segment:	**TDS** Total Monetary Value Summary
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the total invoice discounts and amounts
Syntax Notes:	
Semantic Notes:	1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
	2 TDS02 indicates the amount upon which the terms discount amount is calculated.
	3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
	4 TDS04 indicates the total amount of terms discount.
Comments:	1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.
Notes:	*1. Use is required in all requests for progress payments. When submitting a withdrawal, use only the TDS01 data element to satisfy Accredited Standards Committee (ASC) X12 syntax requirements.*
	2. The data elements in this segment are N2 type. This means that any number transmitted will carry two implied decimal places. Thus, if the number transmitted is 100, it will be read as $1.00 by the receiving application.
	3. The maximum number of numeric characters available now in data element 610 (amount) has been increased from 10 to 15 in the ASC X12 standards.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	TDS01	610	**Amount**	M	N2	1/15
			Monetary amount			
			Use in all requests for progress payments including withdrawals, to indicate the lesser amount of Block 19 or Block 25 (e.g., Block 26), on the Standard Form (SF) 1443.			
N/U	TDS02	610	**Amount**	O	N2	1/15
			Monetary amount			
N/U	TDS03	610	**Amount**	O	N2	1/15

Monetary amount

TDS04	**610**	**Amount**		**O**	**N2**	**1/15**

Monetary amount

Use to indicate the amount of the contract. See Block 5 of the SF1443. Use is required when transmitting an original request for progress payment. Use, as applicable, in changes to previously submitted requests for progress payments. Do not use when withdrawing a previously submitted request for a progress payment.

Segment:	**CTT** Transaction Totals
Position:	070
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	CTT01	354	**Number of Line Items**	**M**	**N0**	**1/6**

Total number of line items in the transaction set

Use to indicate the number of times the IT1 segment was used in the transaction set.

N/U	CTT02	347	**Hash Total**	**O**	**R**	**1/10**

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

N/U	CTT03	81	**Weight**	**X**	**R**	**1/10**

Numeric value of weight

N/U	CTT04	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	CTT05	183	**Volume**	X	R	1/8

Value of volumetric measure

N/U	CTT06	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

N/U	CTT07	352	**Description**	O	AN	1/80

A free-form description to clarify the related data elements and their content

Segment:	**SE** Transaction Set Trailer
Position:	080
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SE01	96	**Number of Included Segments**	M	N0	1/10

Total number of segments included in a transaction set including ST and SE segments

Must Use	SE02	329	**Transaction Set Control Number**	M	AN	4/9

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Cite the same number as the one carried in ST02.